

ABSTRACT

There is provided an electrolytic processing apparatus and method that can effect processing of a substrate with high processing precision and can produce an intended form of processed substrate with high accuracy of form. The electrolytic processing apparatus includes: a holder for holding a substrate; a processing electrode that can come close to the substrate; a feeding electrode for feeding electricity to the substrate; an ion exchanger disposed in the space between the substrate and the processing electrode, or the substrate and the feeding electrode; a fluid supply section for supplying a fluid into the space; a power source for applying a voltage between the processing electrode and the feeding electrode; a drive sections for allowing the substrate and the processing electrode, facing each other, to make a relative movement; and a numerical controller for effecting a numerical control of the drive sections.